

Appln. No. 09/994,353

Amendment dated February 17, 2005

Reply to Office Action mailed November 17, 2004

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims** (deleted text being struck through and added text being underlined):

1           1. (Original) A method for assigning Internet Protocol (IP)  
2 addresses, comprising:  
3           identifying hosts present within a local network;  
4           providing a list of available features for at least one host  
5 within said local network;  
6           receiving a selection of one of said available features from  
7 said list;  
8           analyzing if said selected feature requires a static IP address  
9 to be assigned to said at least one host; and  
10          assigning an IP address to said at least one host, wherein a  
11 static IP address is assigned to said at least one host if said selected  
12 feature requires said static IP address.

1           2. (Original) The method as claimed in claim 1, wherein a  
2 dynamic IP address is assigned to said at least one host if said  
3 selected feature does not require said static IP address to be  
4 assigned to said at least one host.

1           3. (Original) The method as claimed in claim 2, wherein said  
2 static IP address is assigned from a pool of available static IP  
3 addresses and said dynamic IP address is assigned from a pool of  
4 available dynamic addresses.

1           4. (Original) The method as claimed in claim 1, wherein said  
2 list is provided in a graphical user interface.

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1           5. (Original) The method as claimed in claim 4, wherein said  
2 selected feature is capable of being selected by a user utilizing said  
3 graphical user interface.

1           6. (Original) The method as claimed in claim 1, wherein said  
2 assigning of said IP address is in accordance with Dynamic Host  
3 Configuration Protocol.

1           7. (Original) The method as claimed in claim 1, further  
2 comprising: returning said static IP address to a pool of available IP  
3 addresses if said selected feature requiring said static IP address is  
4 disabled.

1           8. (Original) A program of instruction storable on a medium  
2 readable by an information handling system to execute steps for  
3 assigning Internet Protocol (IP) addresses, the steps comprising:  
4           identifying hosts present within a local network; providing a  
5 list of available features for at least one host within said local  
6 network;  
7           receiving a selection of one of said available features from  
8 said list;  
9           analyzing if said selected feature requires a static IP address  
10 to be assigned to said at least one host; and  
11           assigning an IP address to said at least one host, wherein a  
12 static IP address is assigned to said at least one host if said selected  
13 feature requires said static IP address.

1           9. (Original) The program of instructions as claimed in claim  
2 8, wherein a dynamic IP address is assigned to said at least one host  
3 if selected feature does not require said static IP address to be  
4 assigned to said at least one host.

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1           10. (Original) The program of instructions as claimed in claim  
2   9, wherein said static IP address is assigned from a pool of  
3   available static IP addresses and said dynamic IP address is  
4   assigned from a pool of available dynamic addresses.

1           11. (Original) The program of instructions as claimed in claim  
2   8, wherein said list is provided in a graphical user interface.

1           12. (Original) The program of instructions as claimed in claim  
2   11, wherein said selected feature is capable of being selected by a  
3   user utilizing said graphical user interface.

1           13. (Original) The program of instructions as claimed in claim  
2   8, wherein said assigning of said IP address is in accordance with  
3   Dynamic Host Configuration Protocol.

1           14. (Original) The program of instructions as claimed in claim  
2   8, further comprising: returning said static IP address to a pool of  
3   available IP addresses if said selected feature requiring said static  
4   IP address is disabled.

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1           15. (Original) In a local network of one or more one hosts, a  
2 system for assigning Internet Protocol (IP) addresses, comprising:  
3           means for identifying the hosts present within the local  
4 network;  
5           means for providing a list of available features for at least one  
6 host within the local network;  
7           means for receiving a selection of one of said available  
8 features from said list;  
9           means for analyzing if said selected feature requires a static  
10 IP address to be assigned to said at least one host; and  
11           means for assigning an IP address to said at least one host,  
12 wherein a static IP address is assigned to said at least one host if  
13 said selected feature requires said static IP address.

1           16. (Original) The system as claimed in claim 15, wherein a  
2 dynamic IP address is assigned to said at least one host if said  
3 selected feature does not require said static IP address to be  
4 assigned to said at least one host.

1           17. (Original) The system as claimed in claim 16, wherein said  
2 static IP address is assigned from a pool of available static IP  
3 addresses and said dynamic IP address is assigned from a pool of  
4 available dynamic addresses.

1           18. (Original) The system as claimed in claim 15, wherein said  
2 list is provided in a graphical user interface.

1           19. (Original) The system as claimed in claim 18, wherein said  
2 selected feature is capable of being selected by a user utilizing said  
3 graphical user interface.

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1           20. (Original) The system as claimed in claim 15, wherein said  
2   assigning means operates in accordance with Dynamic Host  
3   Configuration Protocol.

1           21. (Original) The system as claimed in claim 15, further  
2   comprising: means for returning said static IP address to a pool of  
3   available addresses if said selected feature requiring said static IP  
4   address is disabled.

1           22. (Original) In a local network of one or more hosts, a  
2   system for assigning Internet Protocol (IP) addresses, comprising:  
3       a processor;  
4       a memory coupled to said processor, wherein said memory is  
5   capable of storing a list of available features for at least one host  
6   within the local network;  
7       a display coupled to said processor, wherein said display is  
8   capable of providing said list of available features to a user;  
9       an input device coupled to said processor, wherein said input  
10   device is capable of receiving a selection by said user of one of said  
11   available features from said list; and  
12       logic capable of being executed by the processor, wherein said  
13   logic is capable of identifying hosts present within a local network,  
14   analyzing if said feature selected by said user requires a static IP  
15   address to be assigned to said at least one host, and assigning an IP  
16   address to said at least one host, wherein a static IP address is  
17   assigned to said at least one host if said selected feature requires  
18   said static IP address.

1           23. (Original) The system as claimed in claim 22, wherein a  
2   dynamic IP address is assigned to said at least one host if said  
3   selected feature does not require said static IP address to be  
4   assigned to said at least one host.

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1           24. (Original) The system as claimed in claim 23, wherein said  
2 static IP address is assigned from a pool of available static IP  
3 addresses and said dynamic IP address is assigned from a pool of  
4 available dynamic addresses.

1           25. (Original) The system as claimed in claim 22, wherein said  
2 list is provided in a graphical user interface on said display.

1           26. (Original) The system as claimed in claim 25, wherein said  
2 selected feature is capable of being selected by said user utilizing  
3 said graphical user interface.

1           27. (Original) The system as claimed in claim 22, wherein said  
2 IP address is assigned in accordance with Dynamic Host  
3 Configuration Protocol.

1           28. (Original) The system as claimed in claim 22, said logic is  
2 further capable of returning said static IP address to a pool of  
3 available addresses of said selected feature requiring said static IP  
4 address is disabled.

1           29. (New) The system of claim 1 wherein said analyzing if said  
2 selected feature requires a static IP address is performed automatically.

1           30. (New) The system of claim 1 wherein said analyzing if said  
2 selected feature requires a static IP address is performed without user  
3 intervention.

1           31. (New) The system of claim 1 wherein said list of available  
2 features includes blocking access to the Internet from said at least one  
3 host.

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- 1           32. (New) The system of claim 1 wherein said list of available
- 2 features includes designating said at least one host as a demilitarized
- 3 zone (DMZ) host.

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